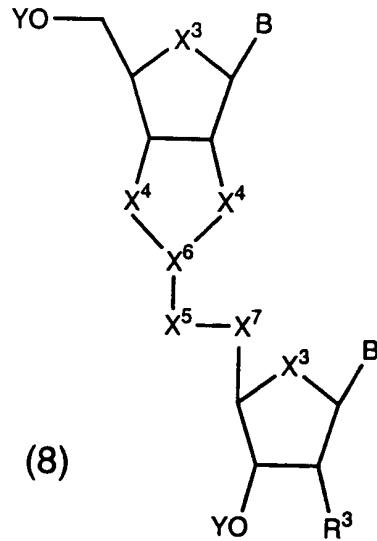


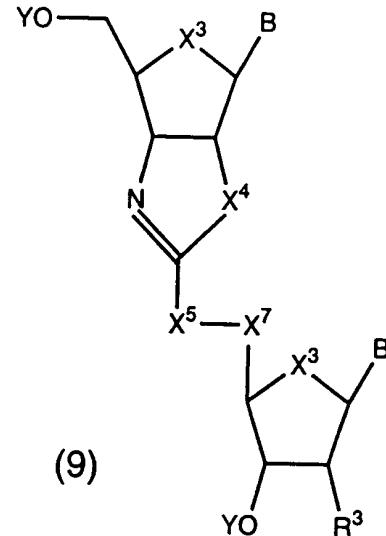
X<sup>2</sup> = CO, CS or SO<sub>2</sub>

X<sup>3</sup> = O, S, CH<sub>2</sub>, CF<sub>2</sub>, CFH,  
NH, NCH<sub>3</sub>

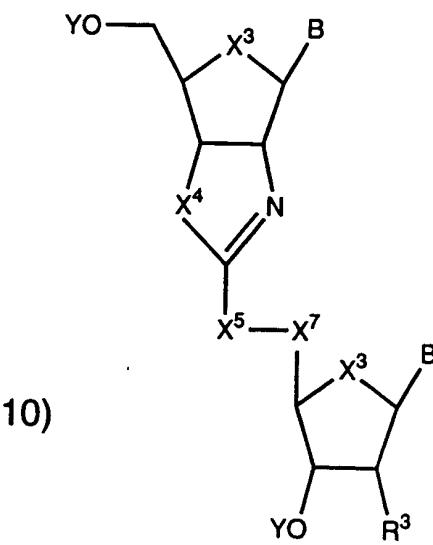
Figure 1



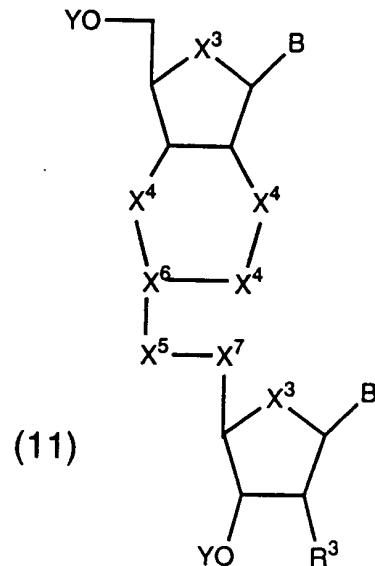
(8)



(9)

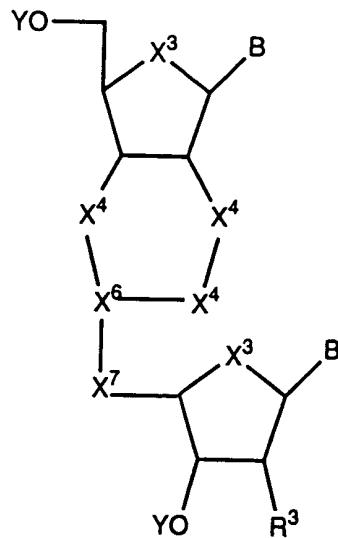


(10)

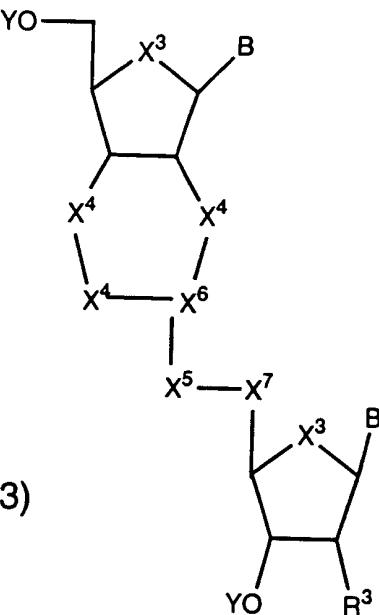


(11)

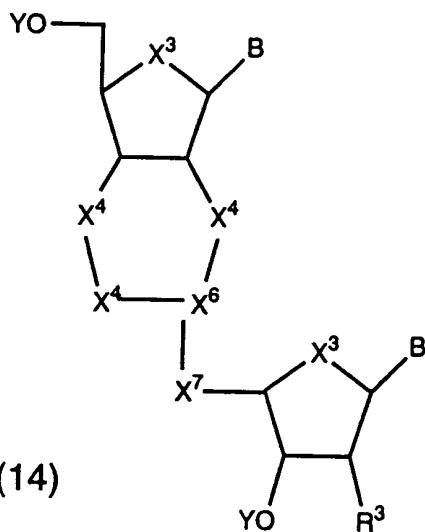
Figure 2



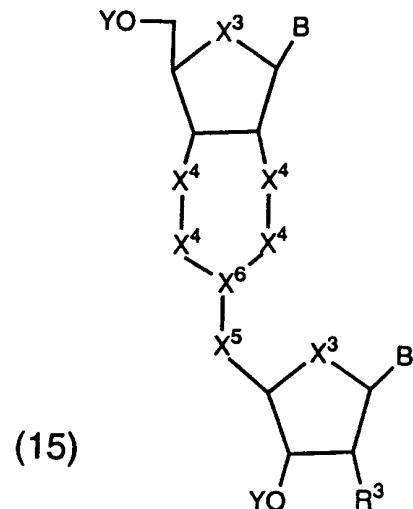
(12)



(13)



(14)



(15)

Figure 3

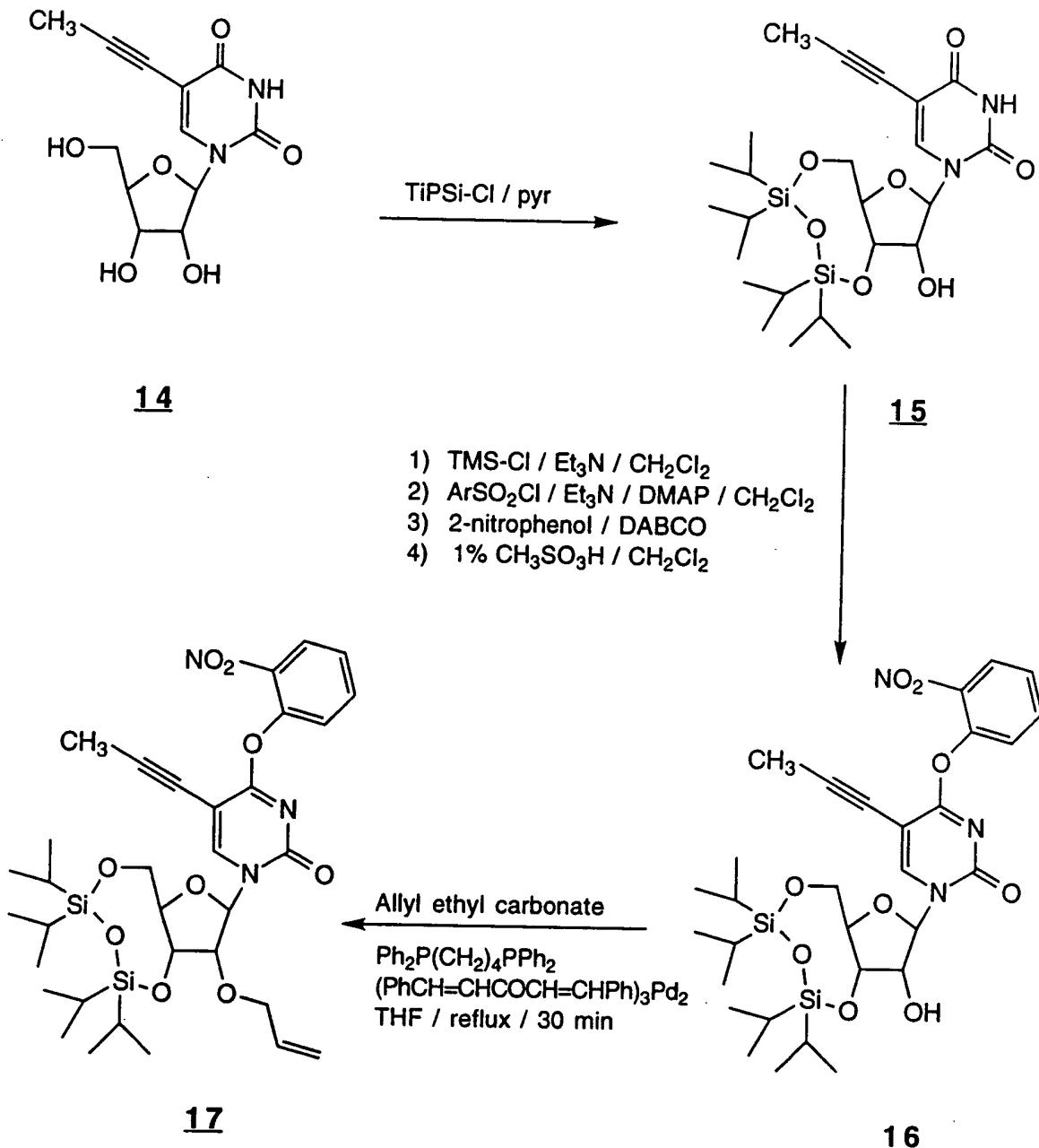


Figure 4-1

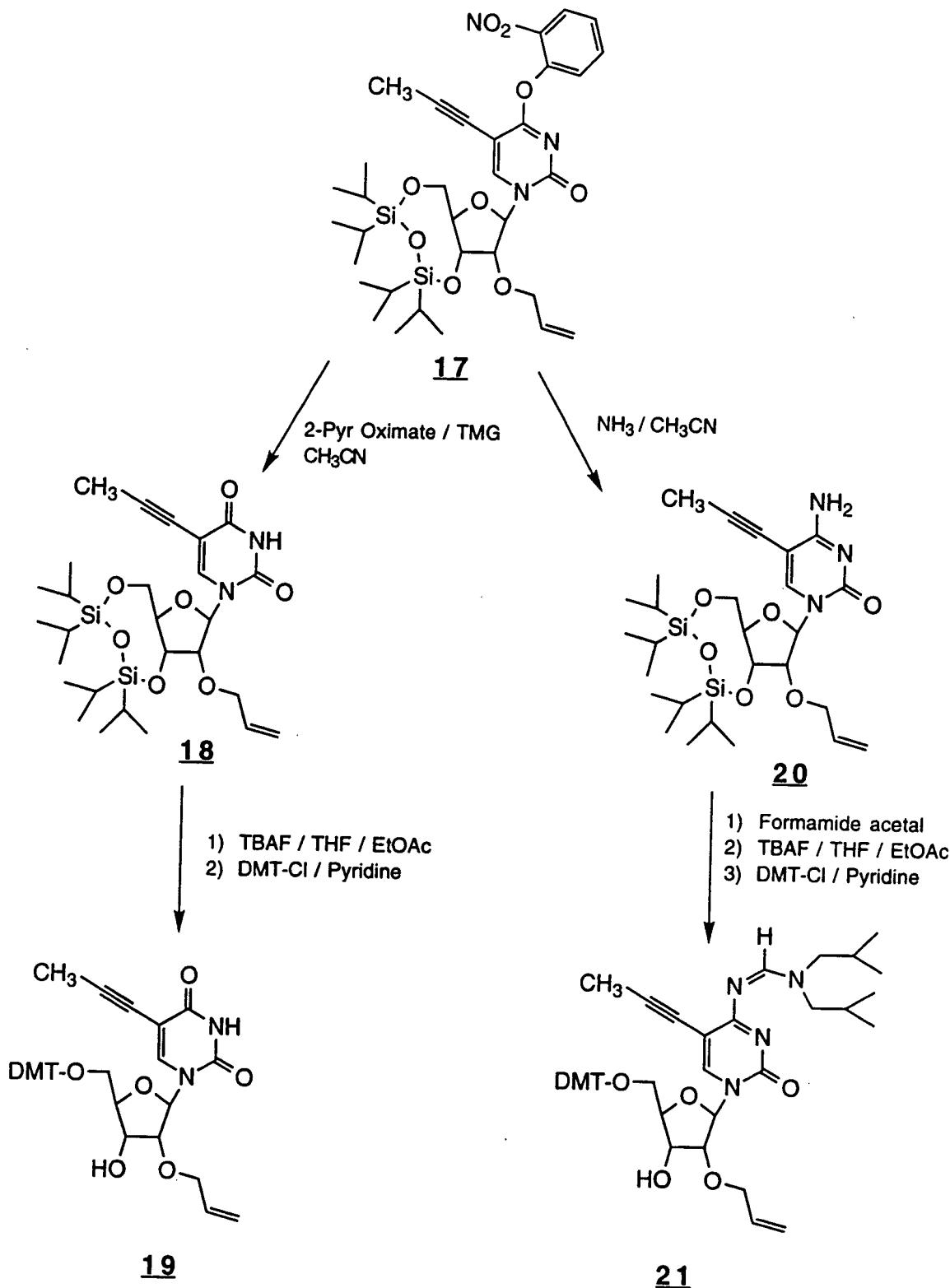
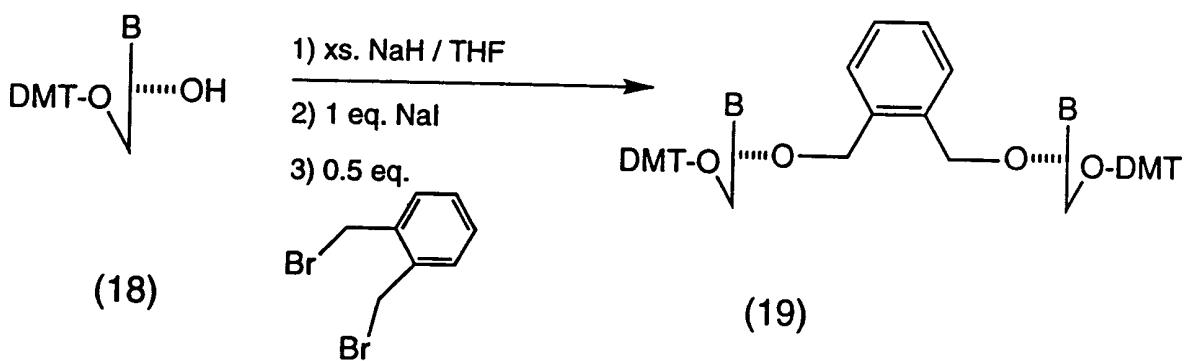
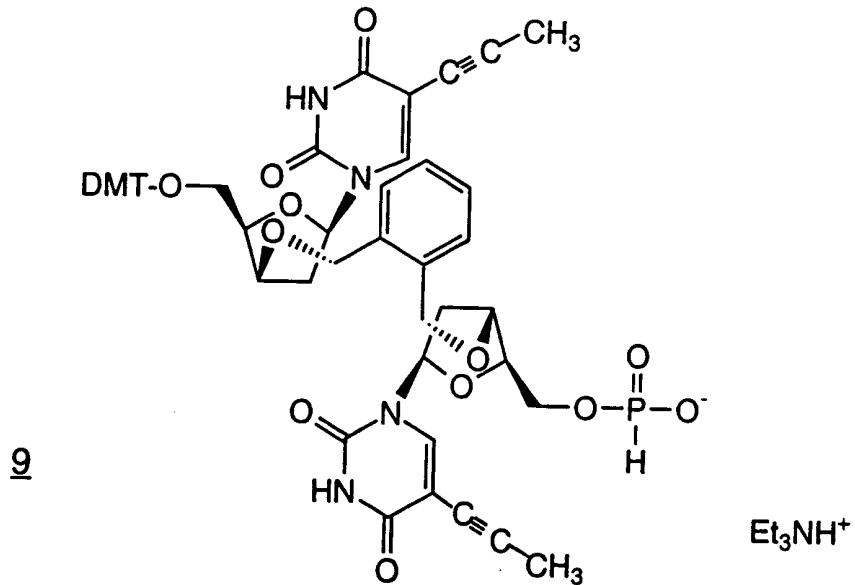


Figure 4-2



**Figure 5-1**

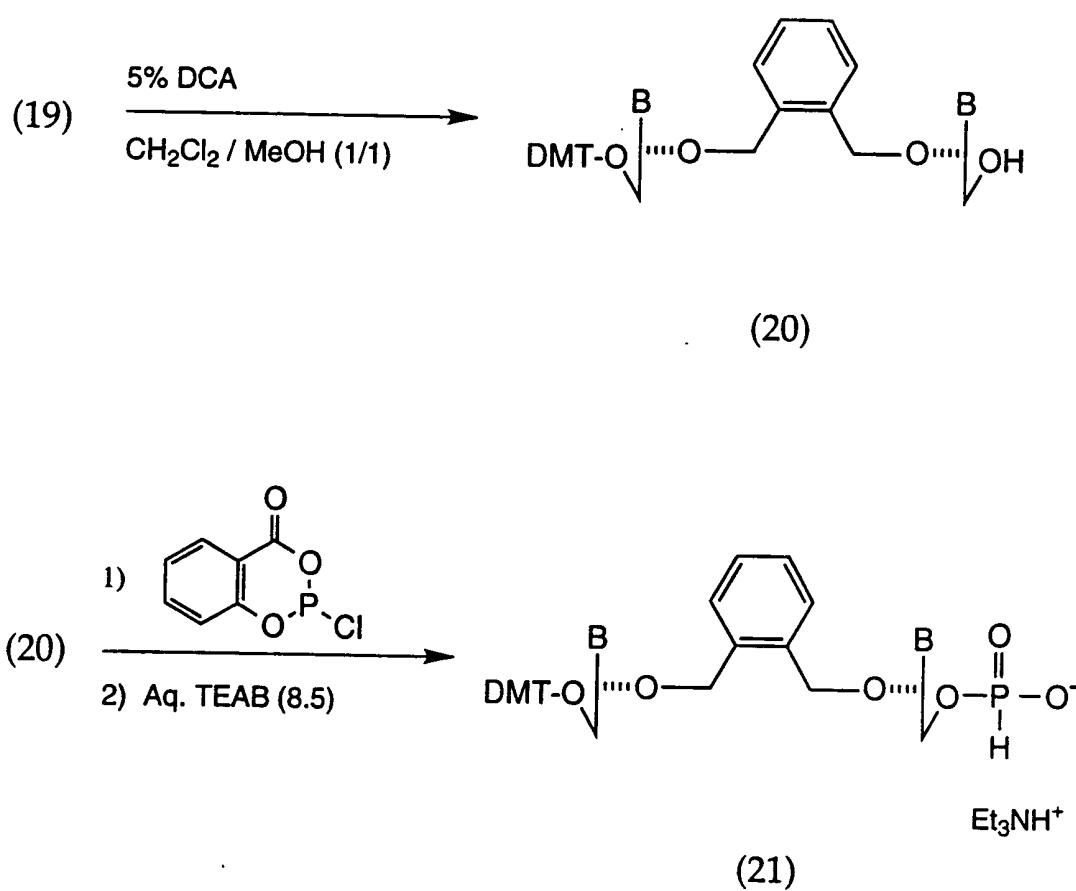


Figure 5-2

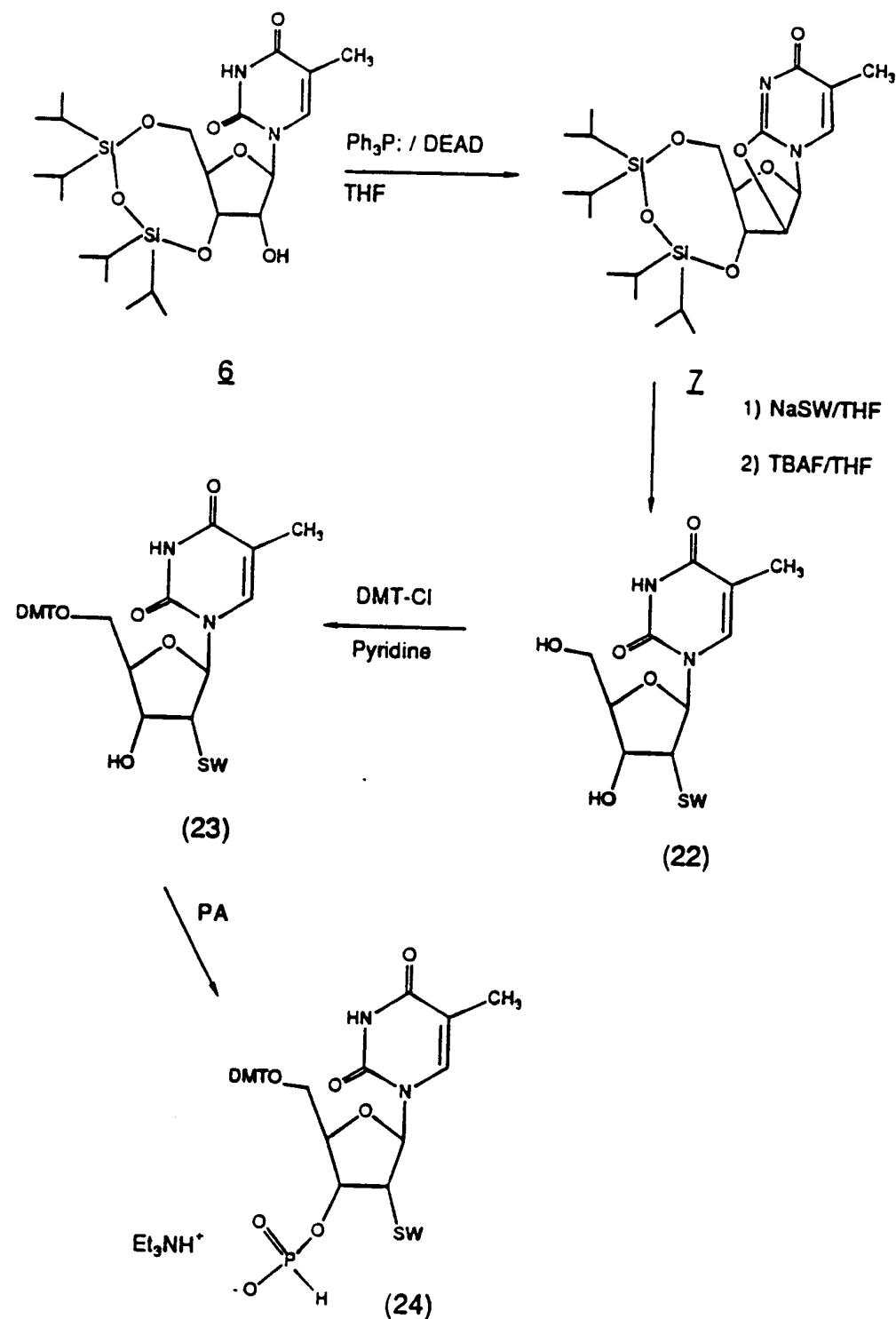


Figure 6

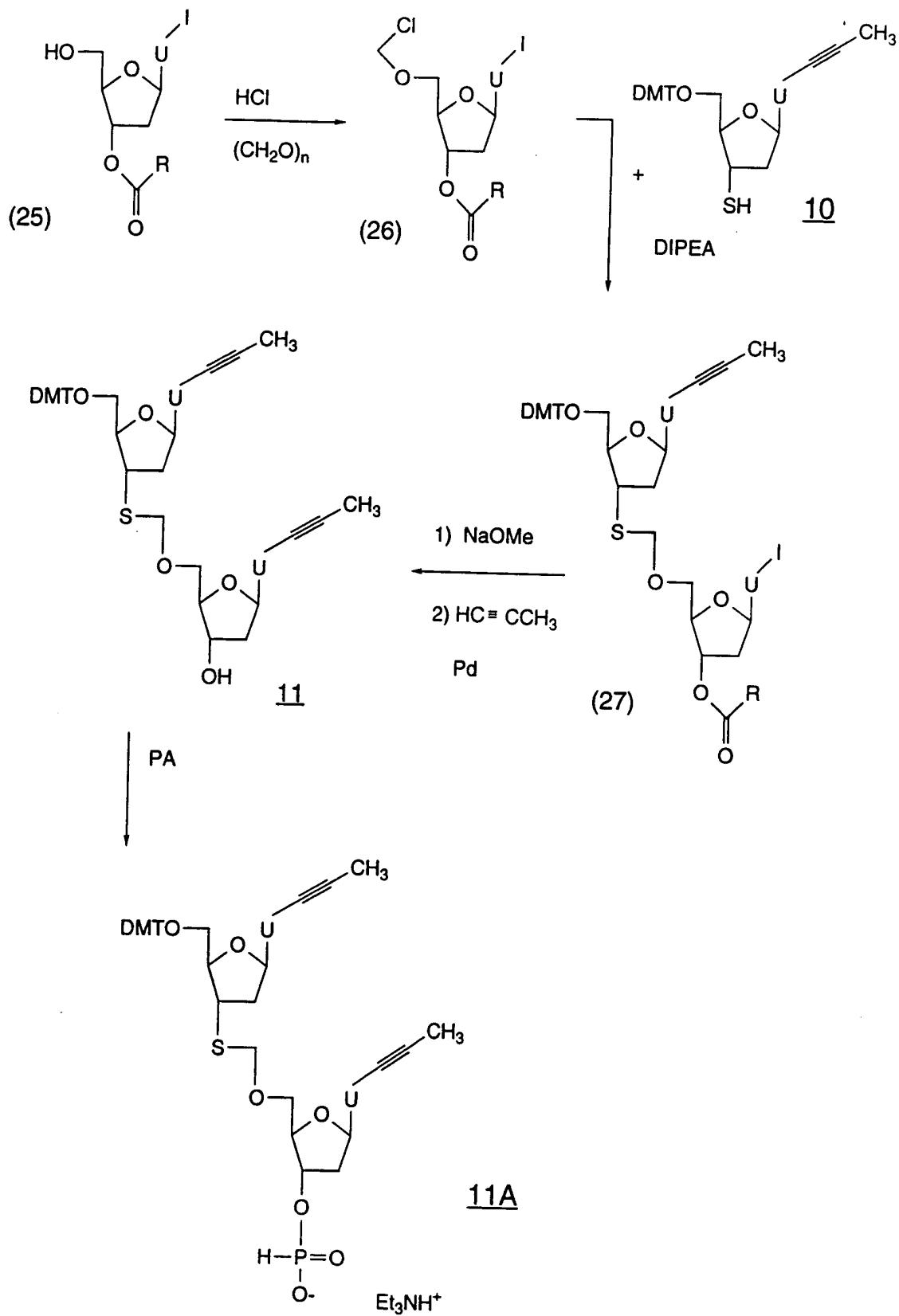


Figure 7

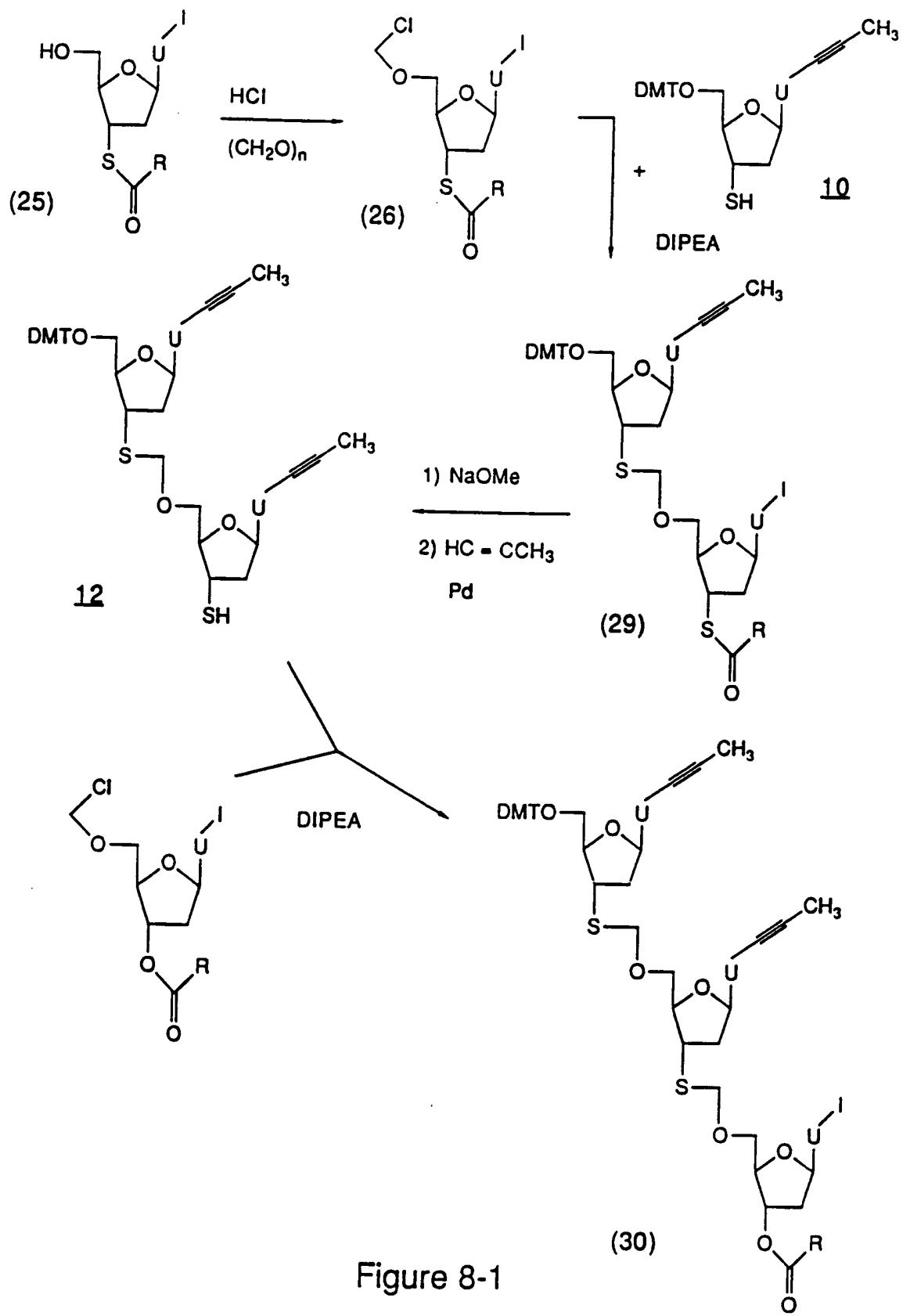


Figure 8-1

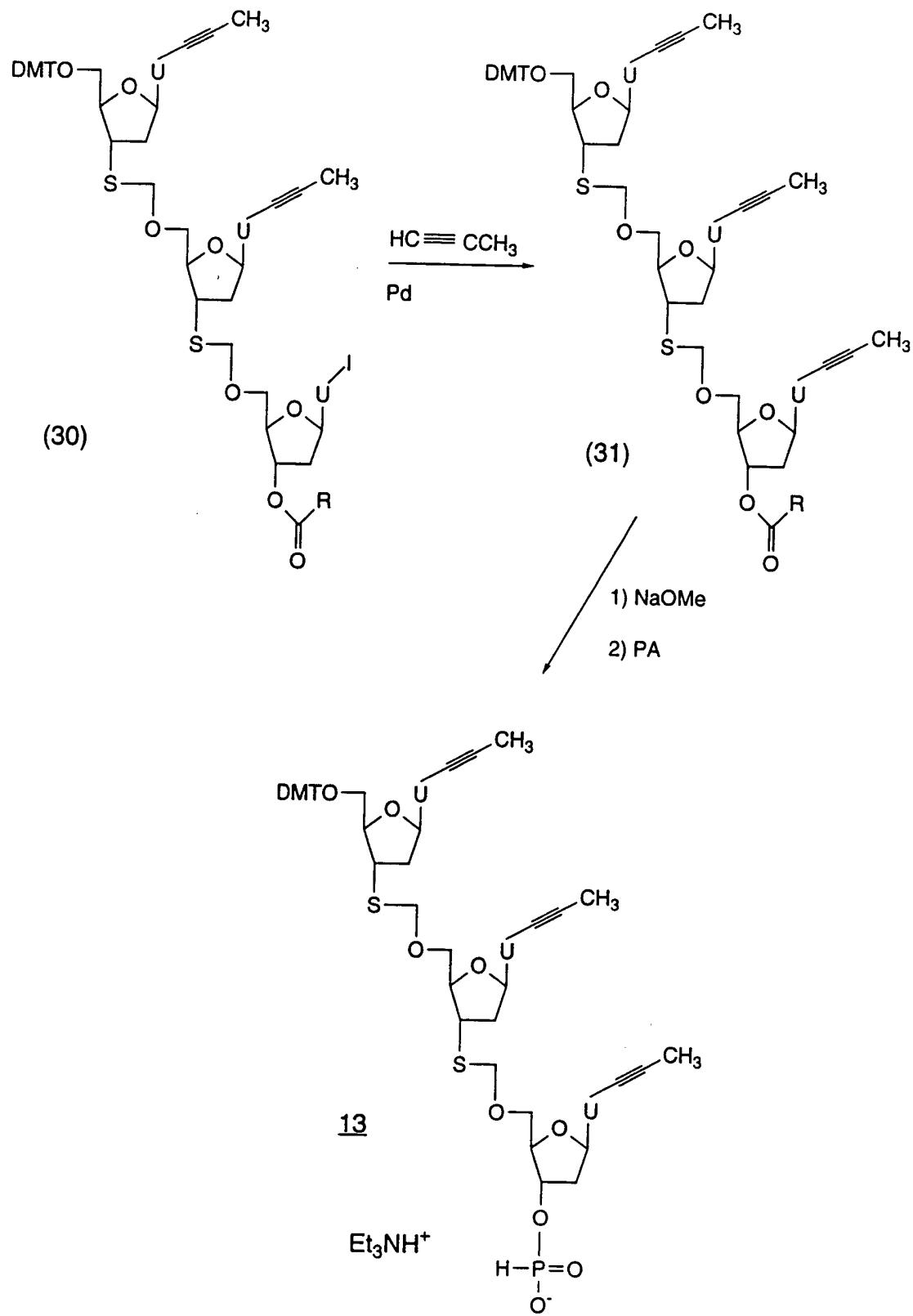


Figure 8-2

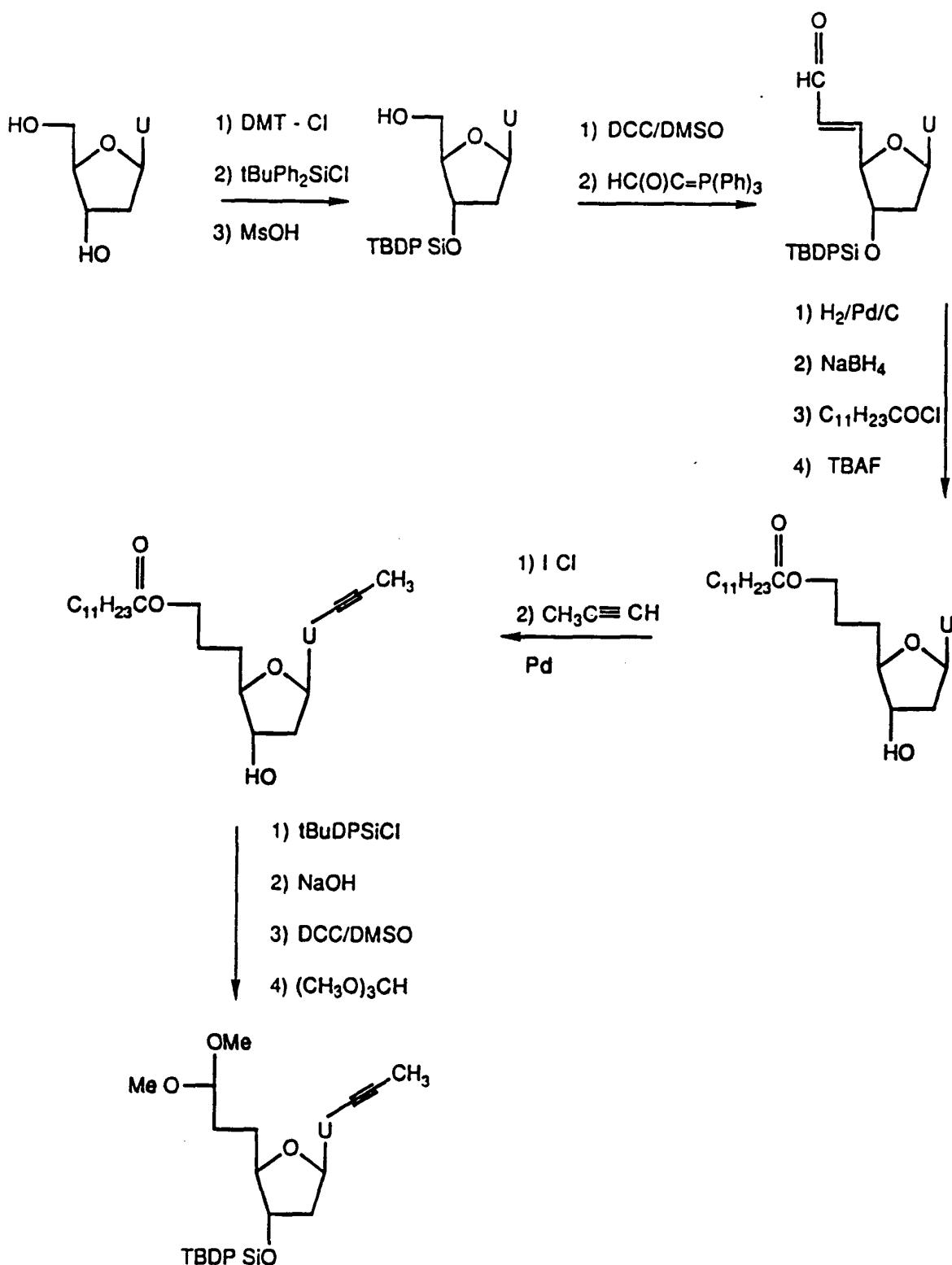


Figure 9-1

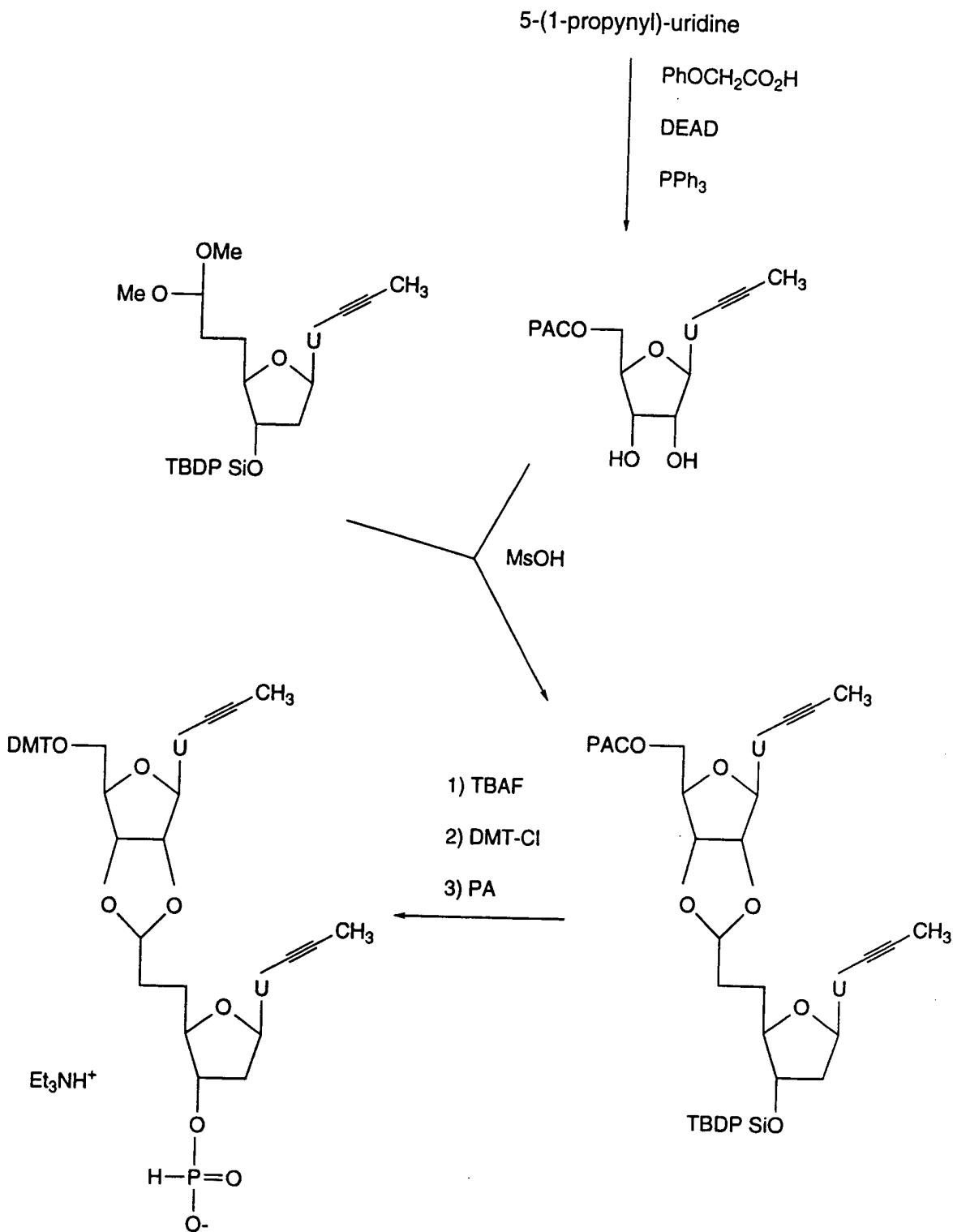
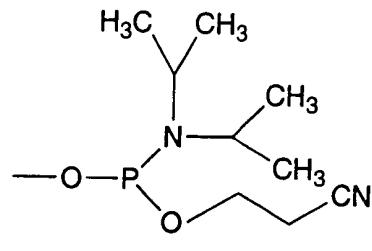
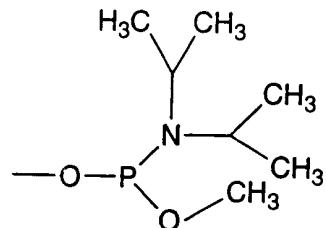
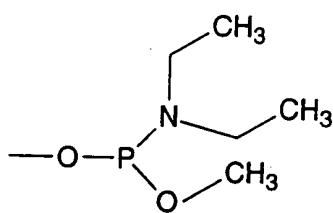


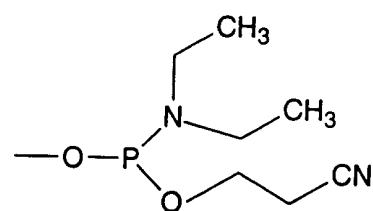
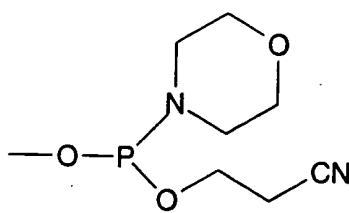
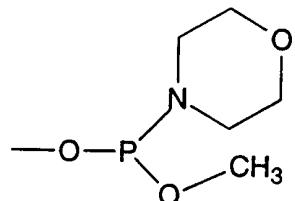
Figure 9-2

N,N-diisopropylamino- $\beta$ -cyanoethoxyphosphine

N,N-diisopropylamino-methoxyphosphine

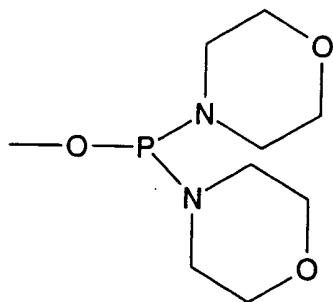


N,N-diethylamino-methoxyphosphine

N,N-diethylamino- $\beta$ -cyanoethoxyphosphineN-morpholino- $\beta$ -cyanoethoxyphosphine

N-morpholino methoxyphosphine

Figure 10-1



Bis morpholino-phosphine

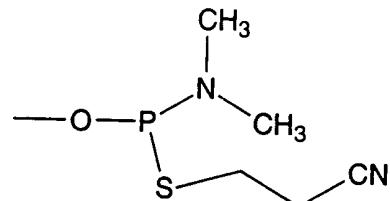
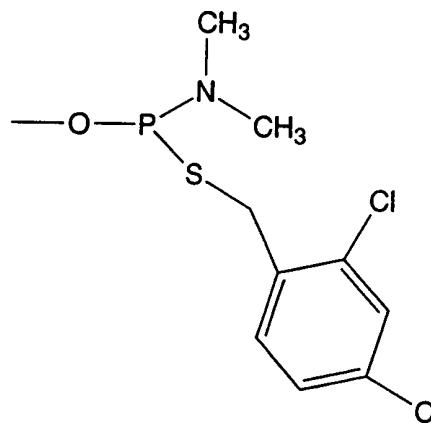
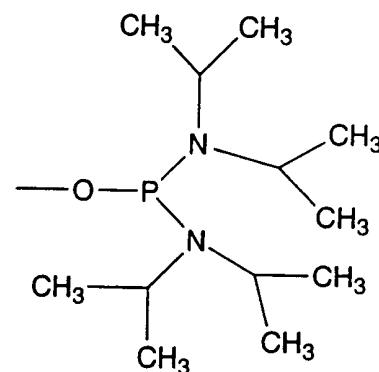
N,N-dimethylamino-  
 $\beta$ -cyanoethylmercapto-phosphineN,N-dimethylamino-  
2,4-dichlorobenzylmercapto-  
phosphineBis( $\text{N},\text{N}$ -diisopropylamino)-  
phosphine

Figure 10-2

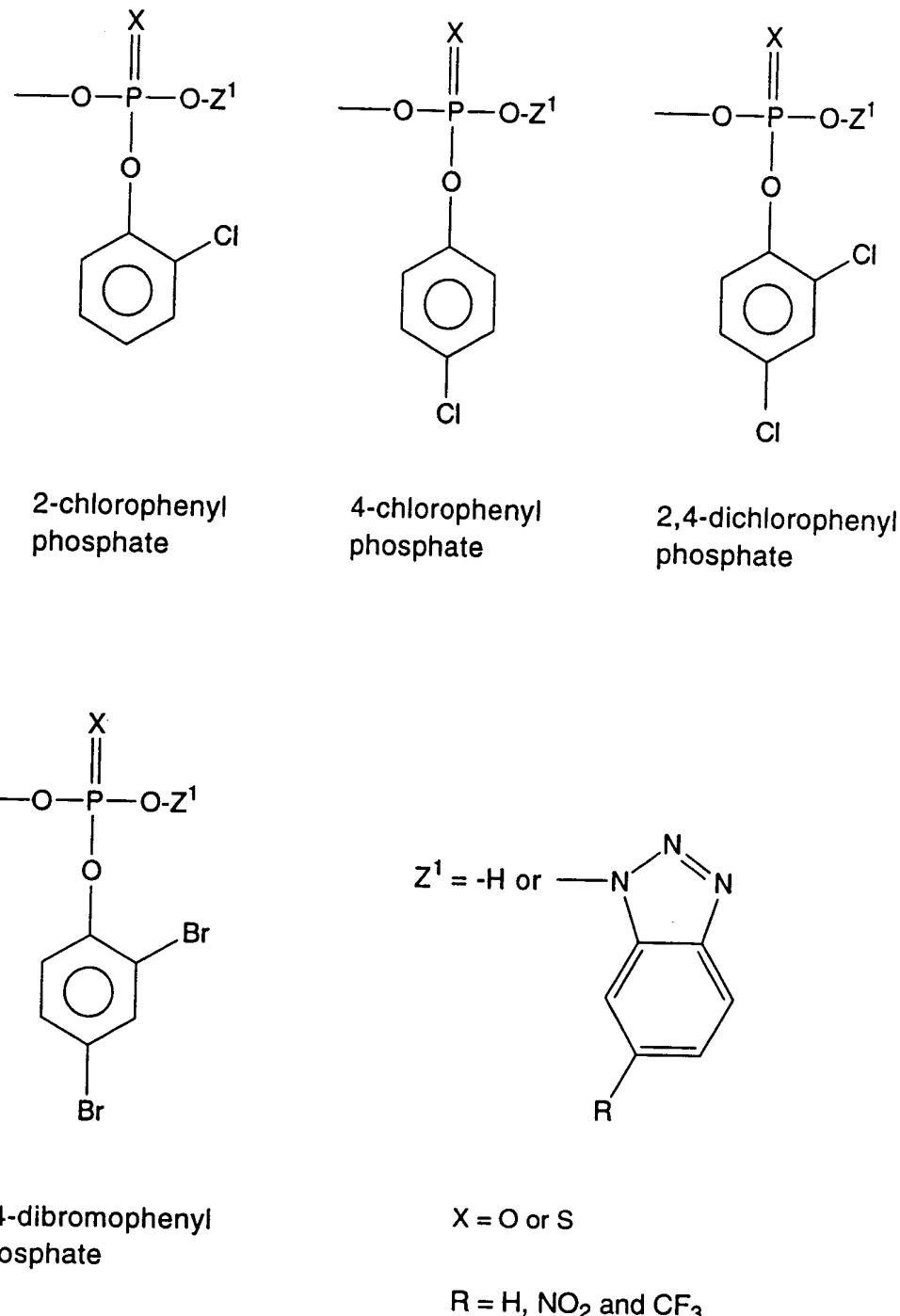
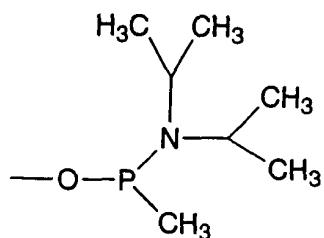
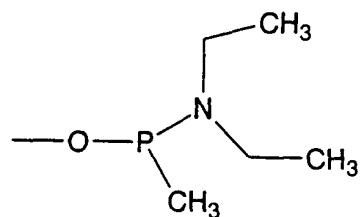


Figure 10-3



N,N-diisopropylamino-methyl-phosphine



N,N-diethylamino-methyl-phosphine

Figure 10-4

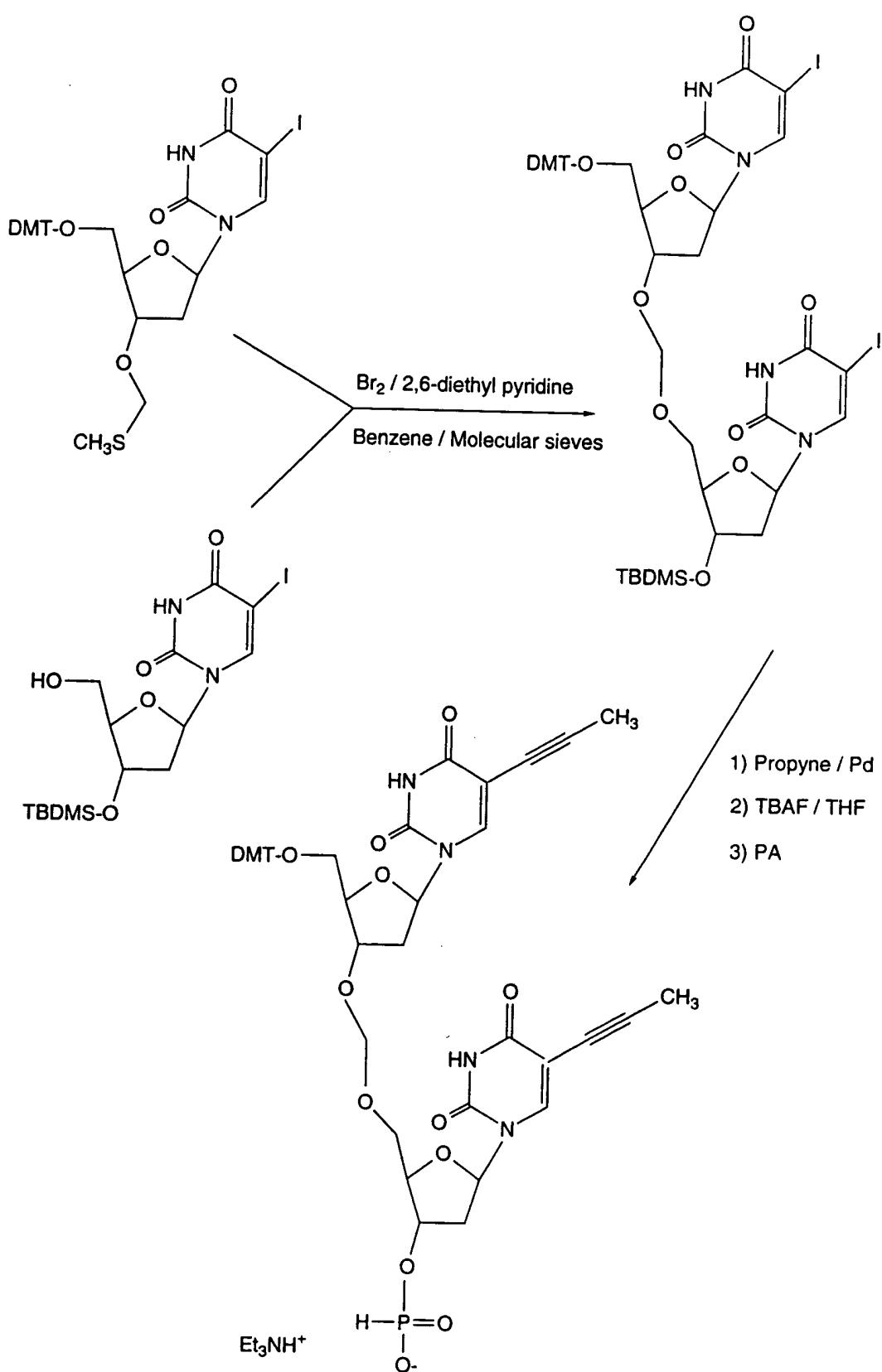


Figure 11

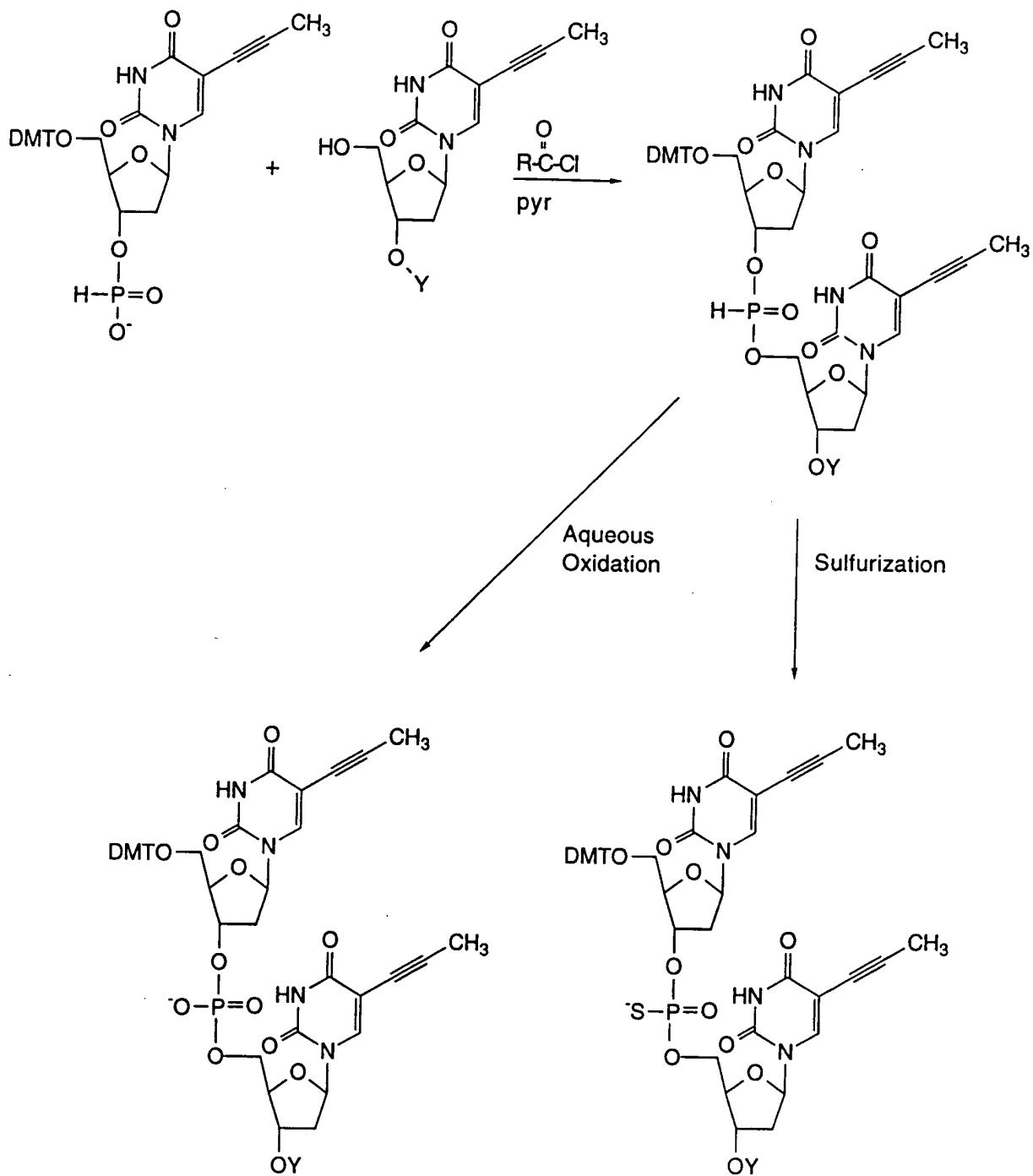


Figure 12-1

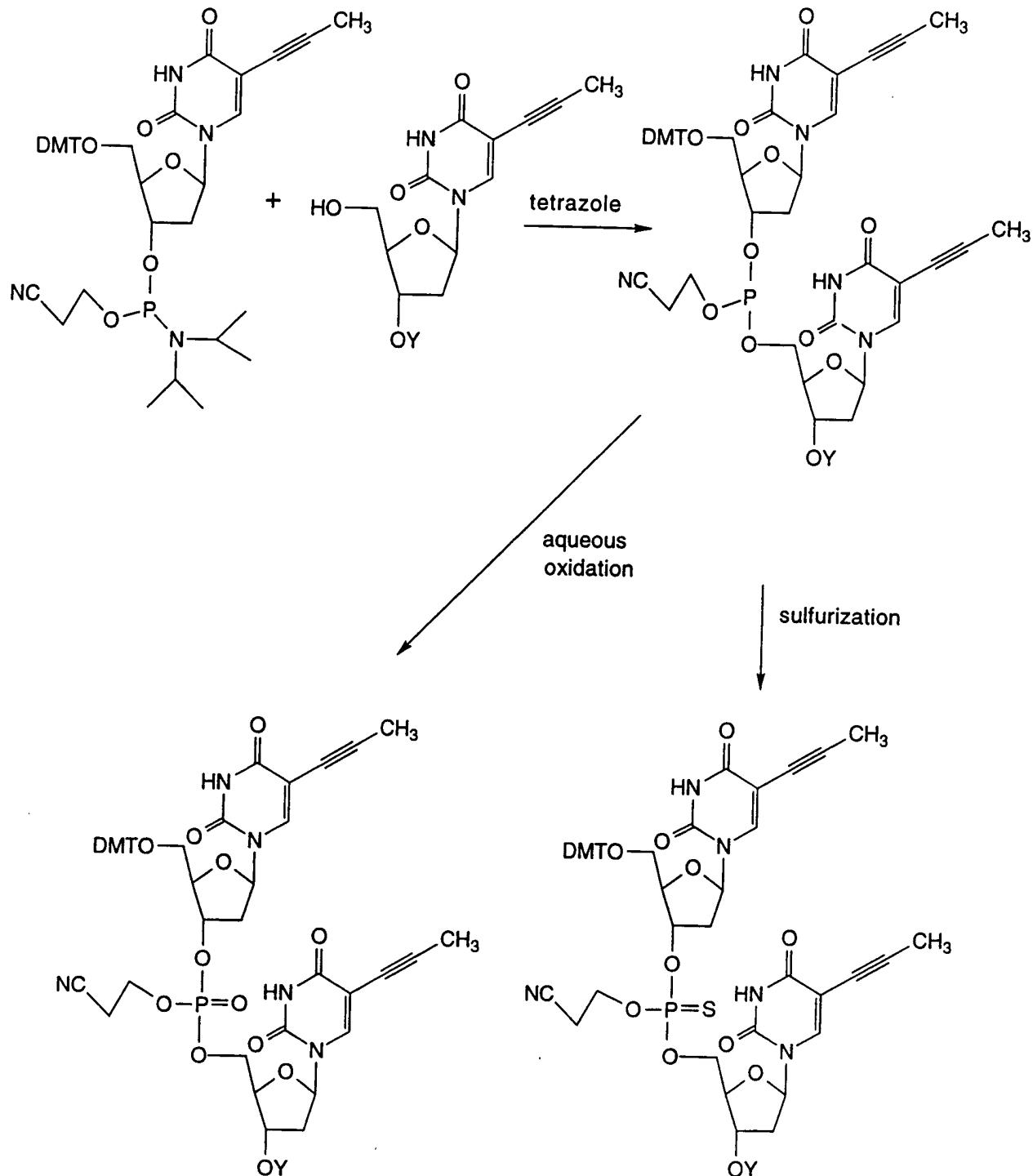


Figure 12-2

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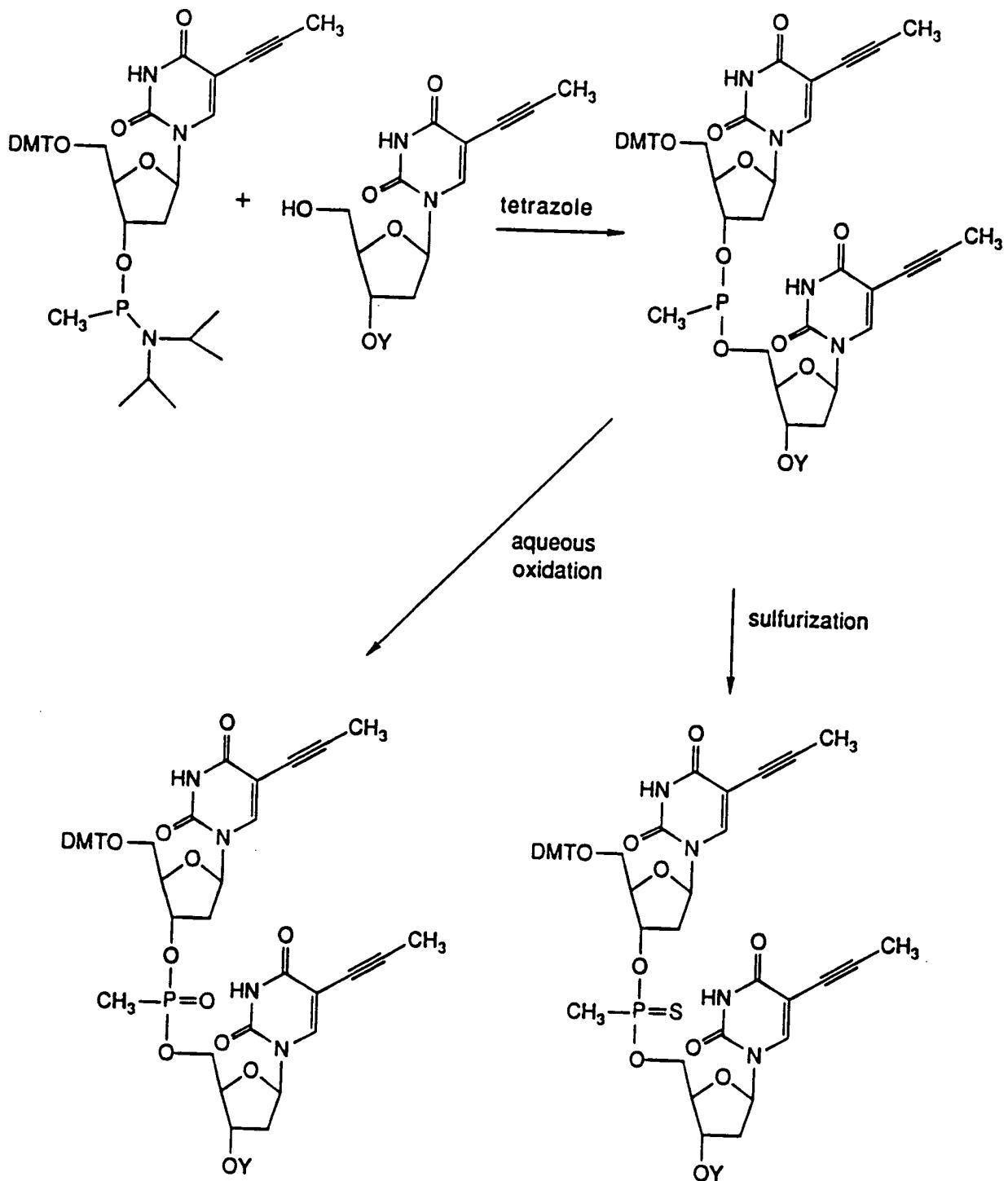


Figure 12-3

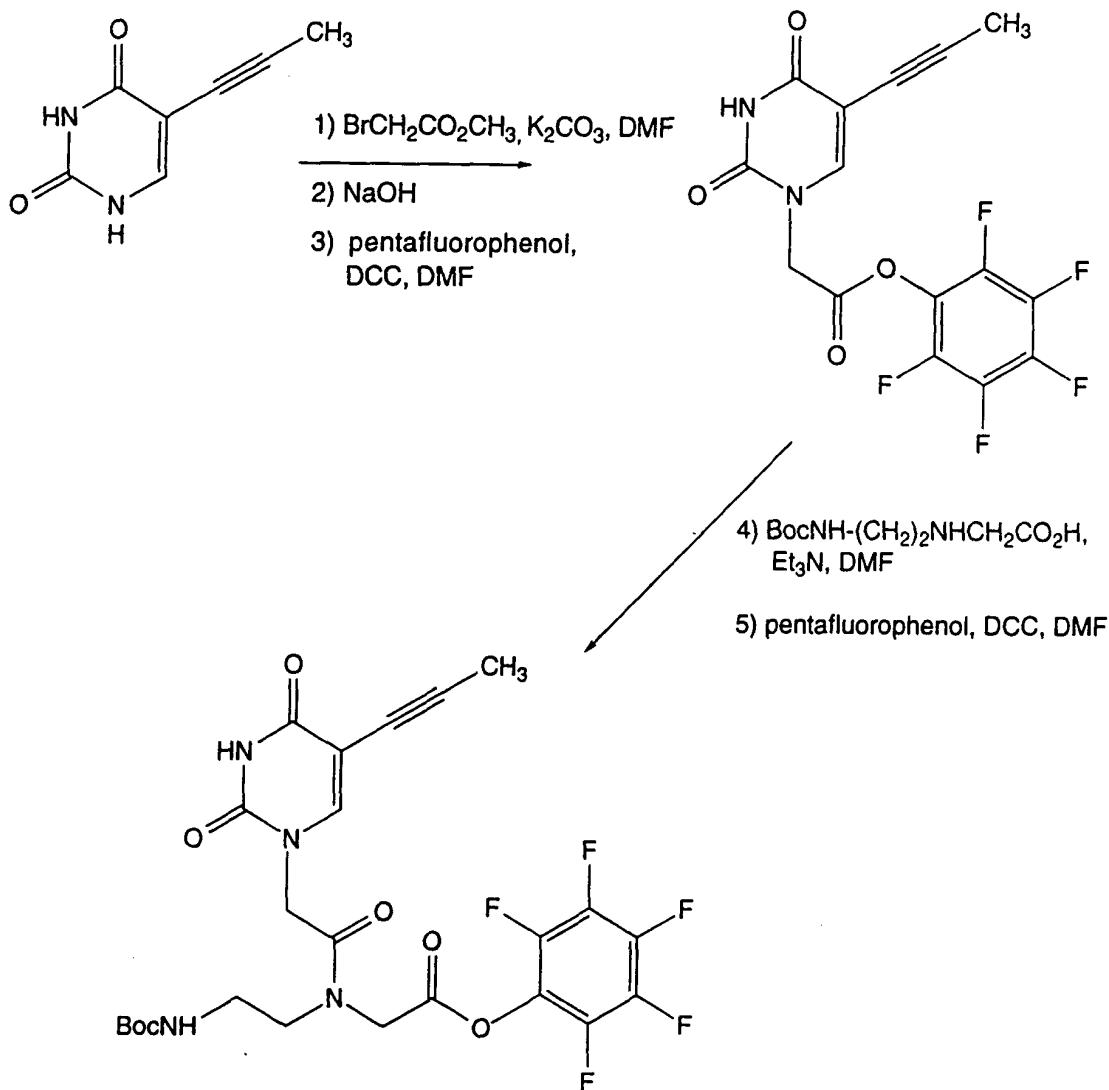


Figure 13

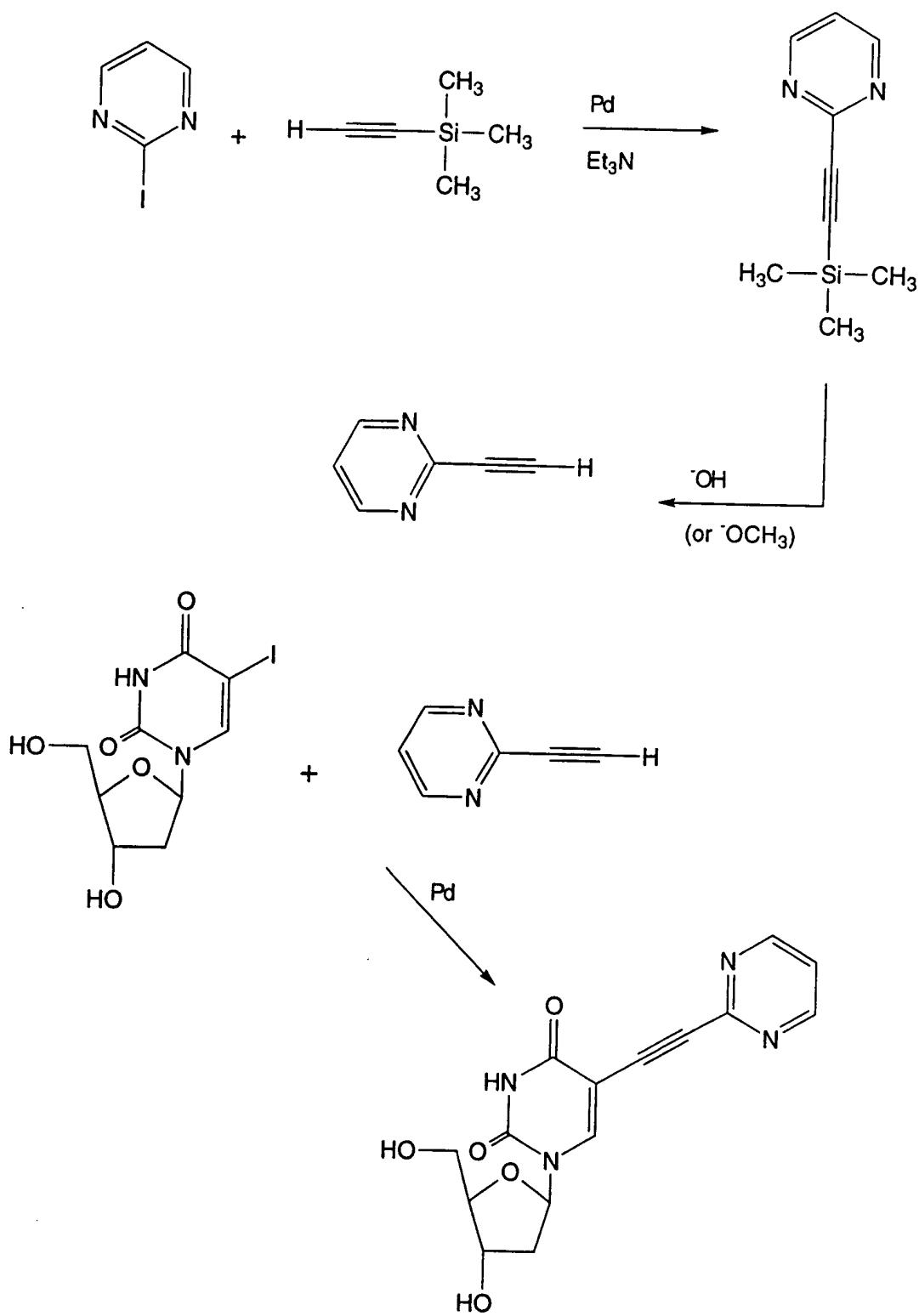


Figure 14

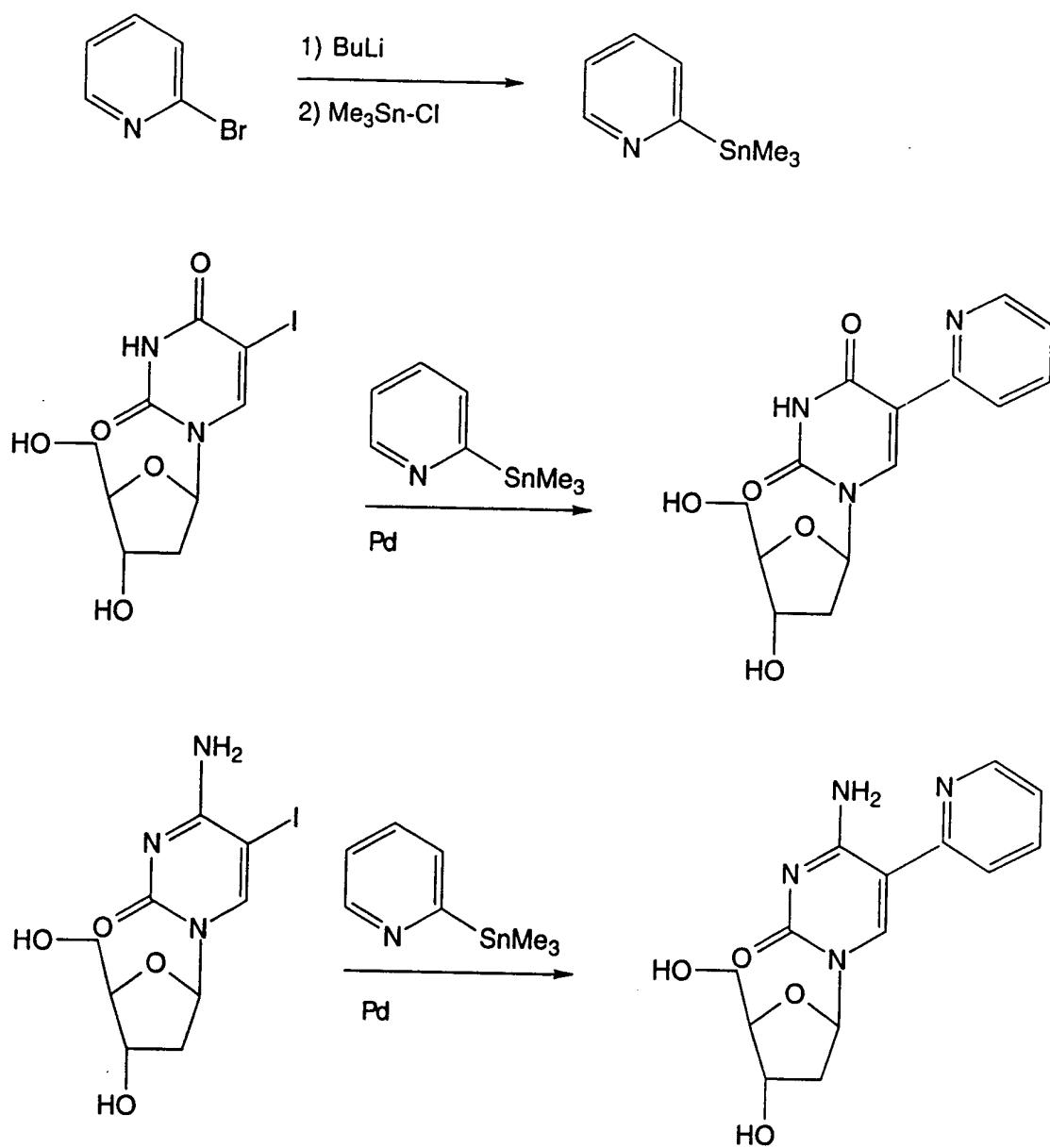


Figure 15

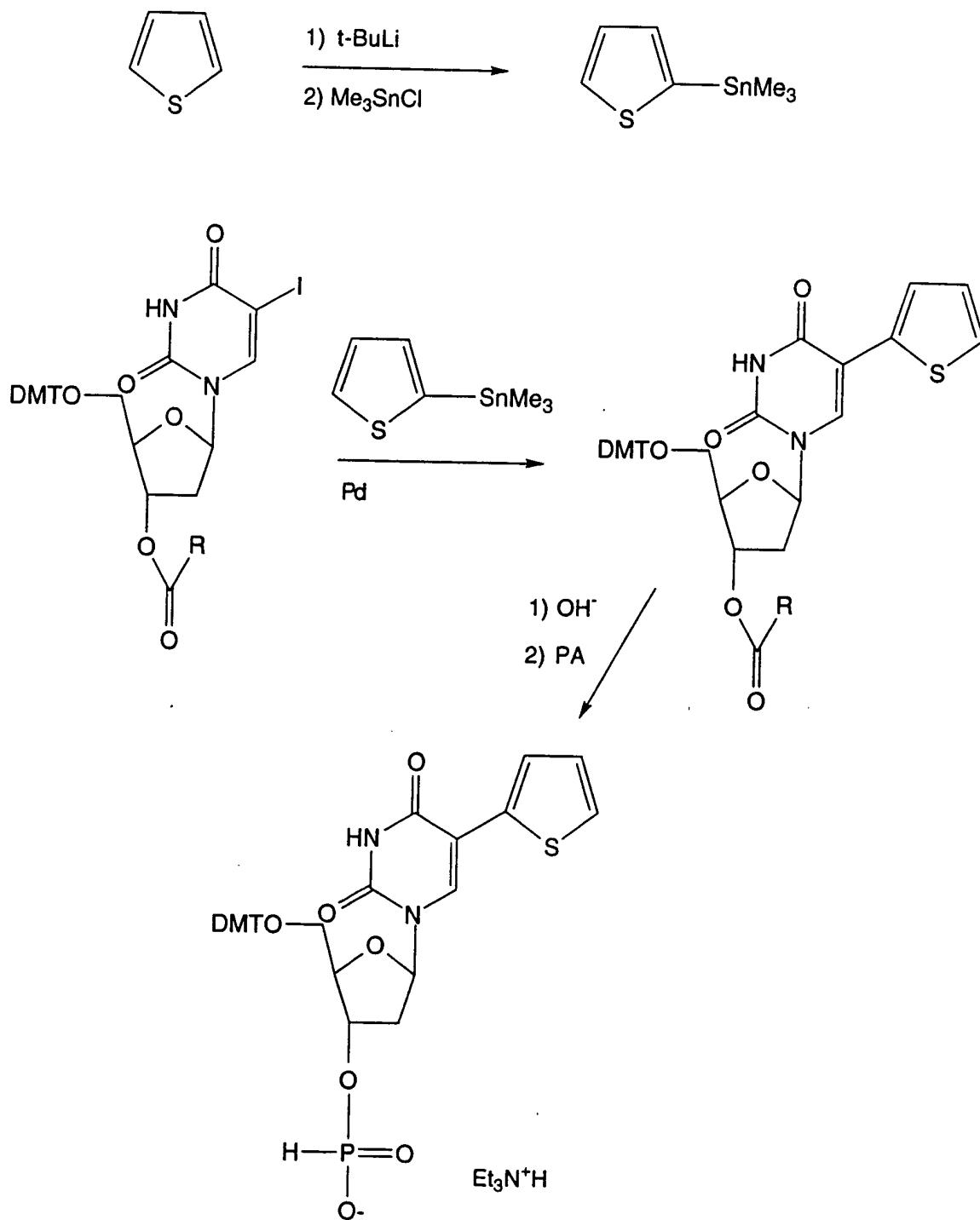


Figure 16

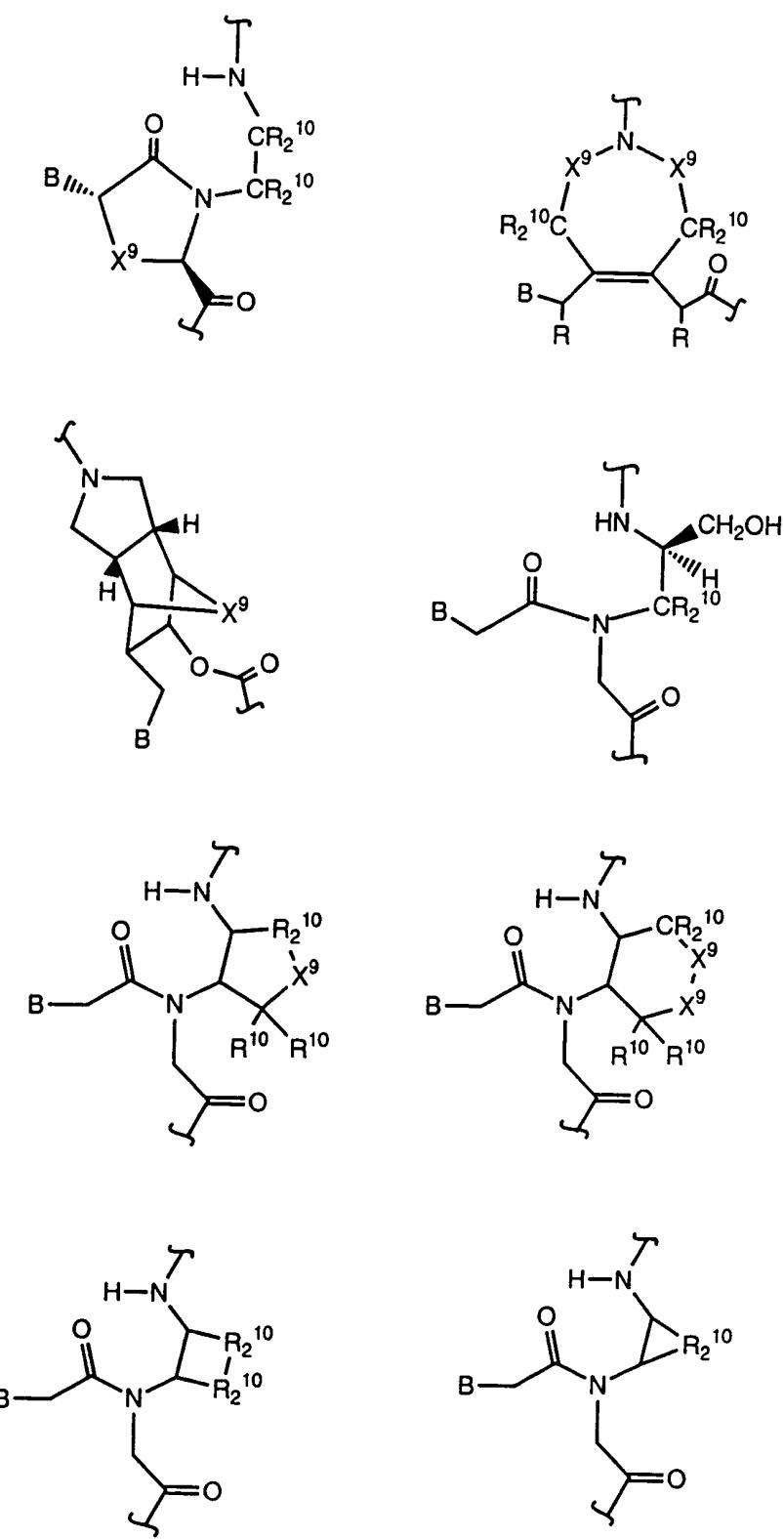


Figure 17-1

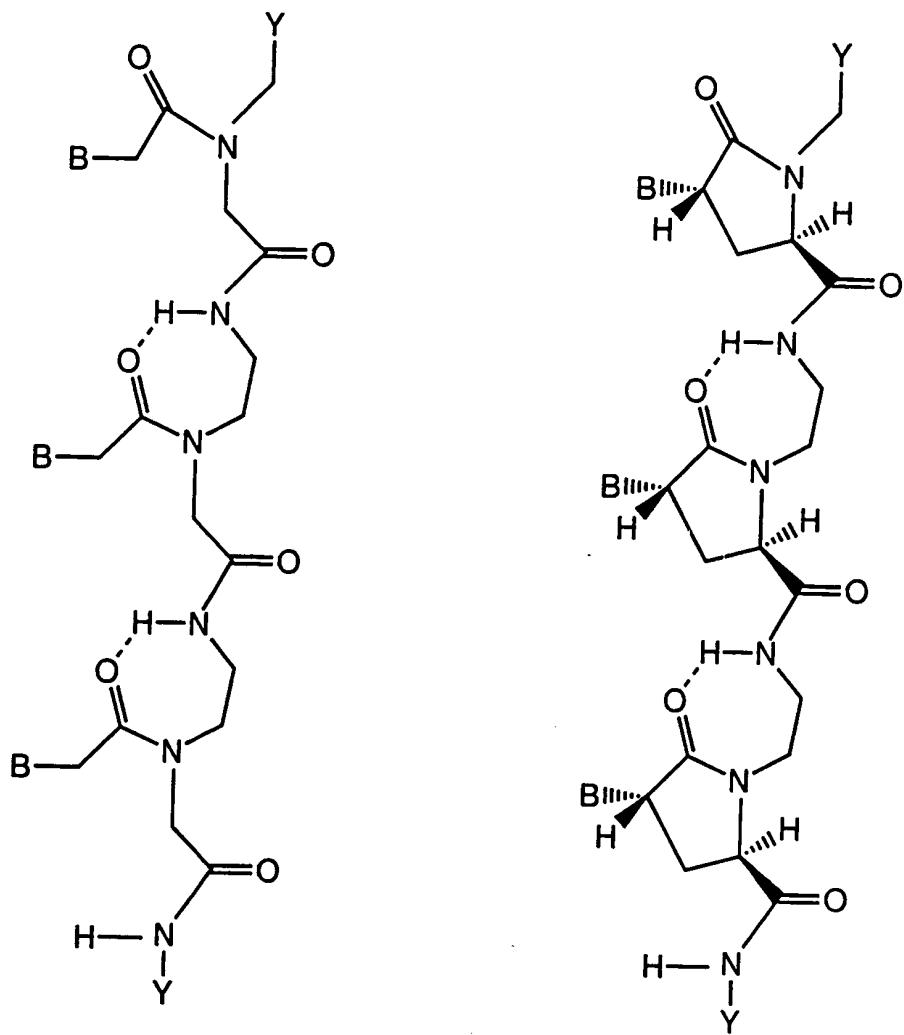


Figure 17-2

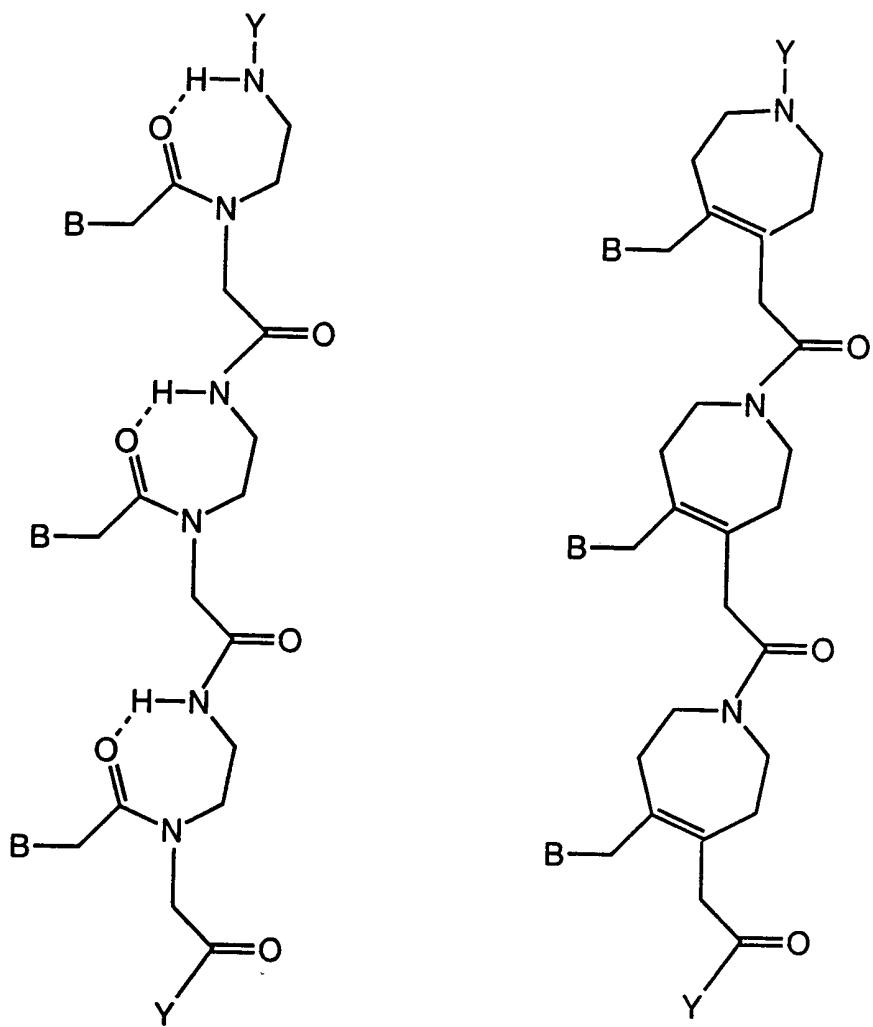


Figure 17-3

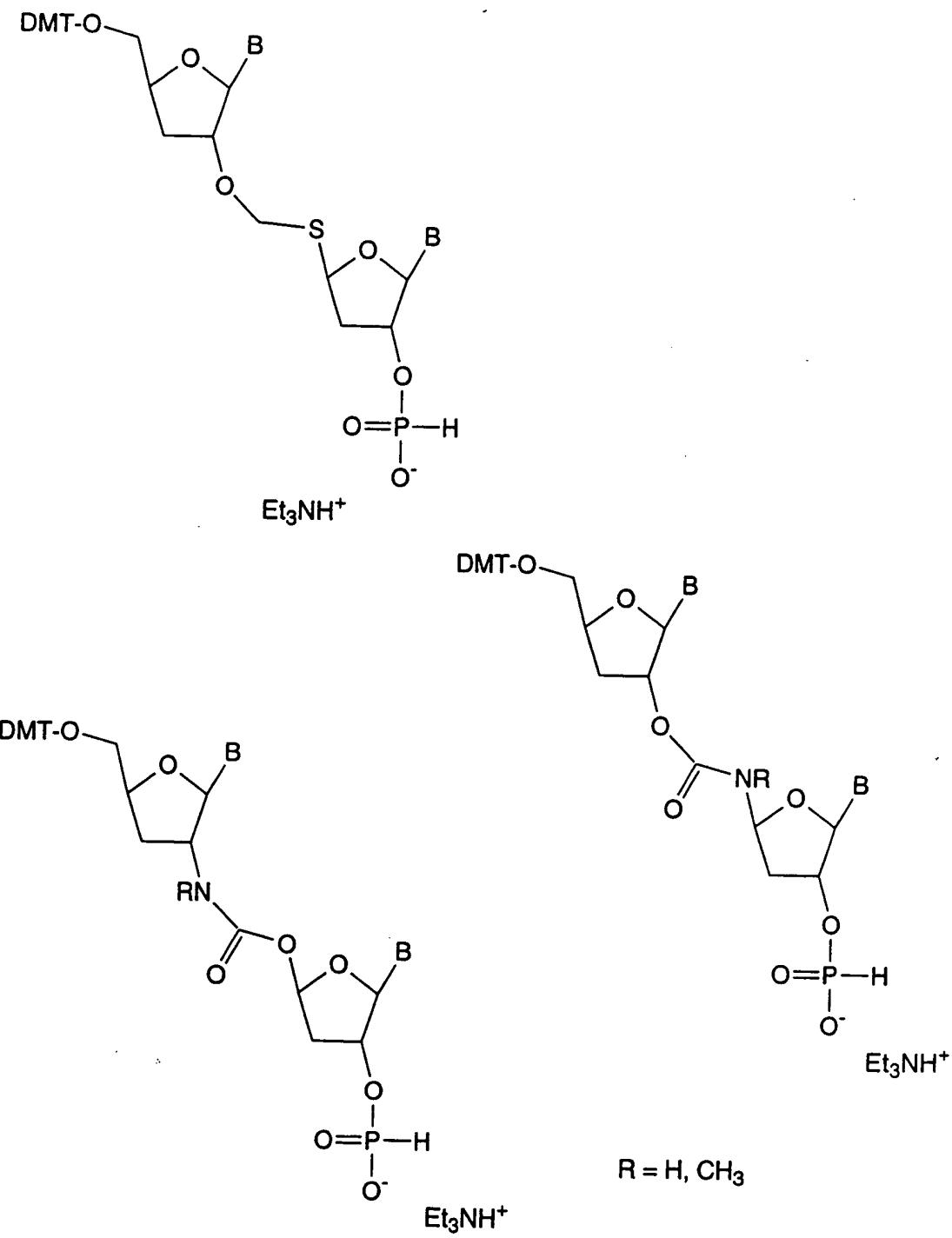


Figure 18